

Application No.: 09/914698

Group Art Unit: 1642

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**Claim 1 (Currently Amended):** A method for identifying a substance capable of disrupting microtubule organising centre (MTOC) integrity, which method comprises contacting an Asp polypeptide ~~consisting of~~ comprising the amino acid sequence shown in SEQ ID No. 1, ~~or fragment thereof capable of forming and/or maintaining MTOCs in the absence of the substance,~~ with a candidate substance in the presence of components required for MTOC formation and microtubule nucleation therefrom, and determining whether the substance disrupts MTOC integrity.

**Claim 2 (Original):** A method according to claim 1 wherein said components comprise KI-extracted centrosomes and an Asp-depleted soluble cellular extract.

**Claim 3 (Original):** A method according to claim 1 wherein said components comprise a partially purified centrosome preparation and tubulin.

**Claims 4-14 (Canceled)**

**Claim 15 (Previously Presented):** A process comprising the steps of:

- (a) performing the method as in any one of claims 1, 2 or 3; and
- (b) preparing a quantity of those one or more substances identified as being capable of disrupting MTOC integrity.

**Claim 16 (Previously Presented):** A process comprising the steps of:

- (a) performing the method as in any one of claims 1, 2 or 3; and
- (b) preparing a pharmaceutical composition comprising one or more substances identified as being capable of disrupting MTOC integrity.

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**Claim 17 (Previously Presented):** The method of claim 1, wherein the ASP polypeptide consists of the sequence shown in SEQ ID No.1.

**Claim 18-21 (Cancelled)**